

CLAIMS

1. A guide support for a bending machine (1) comprising a framework (2), a bending head (3), a bending arm (4), a bending roller (9), a clamping jaw (12) for the bending of a tube (5), and sliding means (15, 16) for the displacement of the bending head (3) in horizontal and vertical directions with respect to the framework (2), characterized in that it comprises at least two guides (28, 29) whose recesses (30, 31) are arranged in opposite directions with respect to the position of the tube (5) for bending and of the guiding and displacement means (18, 19, 23, 24) of the guides (28, 29) on the bending head (3).
2. A guide support in accordance with claim 1, characterized in that it comprises an element (21) guided in a horizontal translation motion on a plate (17) securely fastened to the bending head (3) and comprising on the opposite side of the guiding means (18, 19, 23, 24) at least two guides (28, 29) arranged parallel to each other.
3. A guide support in accordance with claim 2, characterized in that the element (21) is provided on its upper surface (25) and in a direction perpendicular to that of the guiding means (18, 19, 23, 24) with parallel rails (26, 27) each of which interacts with a guide (28, 29).
4. A guide support in accordance with claim 1, characterized in that the guide (28) comprises a recess (30) whose internal profile depends on that of the tube (5) to be held during its bending between the jaws (10, 13) of the clamping jaw (12).
5. A guide support in accordance with claim 1, characterized in that the guide (28) comprises a recess (31) whose internal profile depends on that of the tube (5) to be held during its bending between the jaws (11, 14) of the clamping jaw (12).
6. A guide support in accordance with claim 3, characterized in that each of the guides (28, 29) interacts with the rails (26, 27) in such a fashion that their respective recess (30, 31) is positioned in the opposite directions with respect to the horizontal axis of the machine (1) embodied by the tube (5).
7. A guide support in accordance with claim 1, characterized in that the inverted position of the guides (28, 29) allows the carrying out on the same bending machine (1) either a bending to the left, or counterclockwise, or to the right, or clockwise.